

Abdul Aziz

Software Engineer

Self-motivated CS student with 1 year of professional experience and strong problem-solving skills. Skilled in Next.js, Nest.js, JavaScript, TypeScript, Python, and prompt engineering. Passionate about code optimization, dry coding, and team collaboration, eager to further develop my skills in a dynamic work environment

Check out more of my recent work on my [GitHub](#) and [LeetCode](#) profiles.



Portfolio

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📍 Lahore

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EDUCATION

BS Computer Science - 3.53 CGPA

Punjab University College Of Information Technology, Lahore, Pakistan.

WORK EXPERIENCE

Associate Software Engineer

Kwanso | Onsite Full-Time June 2024 – Present

- MERN - Nest.js - Next.js - PostgreSQL- GraphQL

Achievements/ Tasks

- As a Full Stack Developer, I specialized in backend optimization, bug fixing, clean and DRY coding, and efficient Git collaboration.

Trainee Engineer

Mar 2024 – June 2024

Pyflow Labs | Onsite Part-Time

- HTML - CSS - React - Node.js - Express

Achievements/ Tasks

- Created responsive apps with clean code.
- Collaborated on design for performance.
- Contributed to full development lifecycle.

Teacher Assistant

2020 – 2023

PUCIT | Labs Part-Time

- ITC - PF - OOP - DSA - AI - WEB

Achievements/ Tasks

- My task was to assist students in programming labs and evaluate quizzes and assignments

CERTIFICATES

- Python Elementary Programmer - Python Career Trainers
Python Career Trainers cpep-11-23YY30090 Mar - 2023
- Getting Started with AI on Jetson Nano - NVIDIA
68e6508e67034698a381ca51e62be742 Dec - 2023
- Fundamentals of Deep Learning - NVIDIA
af77c381175c47688e41d7e75e86ac78 Dec - 2023
- Ruby on Rails for Web Application Development - Alison
1249-36232489 Dec - 2023

ACHIEVEMENTS

2016 – 2018

- Student of the Year - Akhuwat College Kasur
- Earned a 4.0 GPA in key courses: PF, OOP, DSA, AI, WEB and ALGO.
- Achieved 10th rank in the 2023 ICPC Asia Online Preliminary Programming Contest.

LANGUAGE

- English
- Urdu
- Pashto

SKILLS

Advance Web Development & AI

MERN (JS | TS)

Next (JS | TS)

Nest (TS)

Prompt Engineering & AI Integrations

GraphQL

Programming Languages

JavaScript

Python

C#

C & C++

DBMS & Deployment

PostgreSQL

SQL & MySQL

MongoDB NoSQL

Apollo Client

Appwrite

Sequelize

TypeORM

Query Optimization

Vercel & Heroku

Git Workflow

PROJECTS

Voice Craft – FYP WEB, ML, AI, NLP

(Python, React.js, MongoDB) 2023 – 2024

- Revolutionizing communication and entertainment, our voice clone project employs state-of-the-art technology to accurately replicate and mimic voices. This breakthrough offers a spectrum of applications, from enhancing virtual assistants and voiceovers to creating personalized, natural interactions in diverse fields such as entertainment, gaming, and accessibility.

4corners (Legal GPT) – WEB, AI, Prompt Engineering

(Nest, React.js, GraphQL Postgres TypeORM) 2024

- I worked on the backend of a team project that summarizes court cases from PDFs. My role was to optimize performance and generate a summarized PDF with key case details, such as specific page and line numbers

Blog Website – Full Stack WEB 2024

React, Express, Nest, PostgreSQL, Both (JS & TS)

- Built a blog website with nested comments, pagination, search optimization, and frontend scrolling. Utilized Sequelize for model associations and database migrations.

Other Projects – Full Stack | Academic | Open source

- Invoice Management System – Developed with Next.js (JS/TS).
- StitchXcel – E-commerce website built with Python and JavaScript.
- SettleEase – Mobile app for connecting with Kotlin.
- Console Applications – Built systems like Hospital Management, School Management, and Bank Management.

Software & Tools

VS Code

Visual Studio

PgAdmin4

GitHub

Ubuntu 2024

bash & zsh

Android studio